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Corrections of errors and notices of omissions are solicited.

- Agricultural department's** view of the army worm (The). (Springfield [Mass.] d. republican, 16 June 1880, p. 4, col. 5, 15 cm.)
Notes, on authority of J: H: Comstock, in regard to *leucania unipuncta* and modes of destroying it. G: D. (2250)
- B., R. T.** Singulière nourriture d'un névropère. (Feuille des jeunes naturalistes, 1 Nov. 1880, an. 11, p. 14.)
Discovers *panorpa communis* eating portions of fishes which had been placed on a sunny bank. G: D. (2261)
- Biggest** of spiders (The). (Springfield [Mass.] d. republican, 21 June 1880, p. 2, col. 6, 6 cm.)
Extract from paper by Frank Buckland in *Land and water*. G: D. (2252)
- Bugnion, Édouard.** Métamorphoses du *meigenia bisignata*, mouche parasite de la tribu des tachinaires. (Bull. soc. vaud. sci. nat., Dec. 1880, s. 2, v. 17, no. 84, p. 17-31, pl. 1-2.)
Description and figures of the larva and pupa, and figure of imago, of *m. bisignata*, whose larva is parasitic in larvae of the chrysomelids *lina tremulæ*, *faropsis sexpunctata* and *agelastica alni*, in larvae of the tenthredinid *athalia spinarum*, and in larvae of the geometrid *gymnancyla canella*. Comparisons of larva of *m. bisignata* with larvae of *tachina villica* and of *m. bombyvora*, with general remarks and citations upon other tachinid larvae. Quotes from Osten Sacken in regard to tachinid larvae and their hosts. Notes on larvae of *phora* found parasitic on larvae of *lina tremulæ*. G: D. (2263)
- Carpenter, W: L.** List of species of butterflies received from Fort Niobrara, Nebraska. (Can. entom., Dec. 1880, v. 12, p. 252.)
Enumerates 26 species. G: D. (2264)
- Camerano, Lorenzo.** Descrizione di alcuni insetti monstrosi delle raccolte entomologiche del R. museo zoologico di Torino. Torino, Laboratorio del Regio museo zoologico di Torino, 1878. t.-p. cover, 9 p., 23×16, t 15×9; fig. 1-7.
Separate from the *Atti della reale accademia delle scienze di Torino*, v. 14. Deformities of 7 species of coleoptera, 1 each of hymenoptera, orthoptera, hemiptera and lepidoptera. G: D. (2265)
- Camerano, Lorenzo.** Di alcune variazioni avvenute nella fauna entomologica del contorno di Torino. Nota. Studio fatto nel Laboratorio del R. museo zoologico di Torino. Torino, 1878. t.-p. cover, 6 p., 23×16, t 16×9.5.
Separate from the *Annali della reale accademia d'agricoltura di Torino*, v. 21. Discusses the changes in the entomological fauna of the neighborhood of Turin, Italy, and their causes. G: D. (2266)
- Camerano, Lorenzo.** Polimorfismo nella femmina dell' *hydrophilus piceus* Linn. Torino, 1877. t.-p. cover, 11 p., 1 pl., 23×16, t 15×9.
Separate from the *Atti della reale accademia delle scienze di Torino*, v. 12. Figures and describes 3 forms of females of *h. piceus*. G: D. (2267)
- Chambers, T.** Wasps as marriage priests to plants. (Amer. nat., Apr. 1867, v. 1, p. 105-107, 1 fig.)
Describes and figures the tarsus of one of the *laridae* laden with the pollen-masses of an *asclepias*, and calls attention to the figures of Savigny and Westwood showing pollinia of this genus attached to the palpi of the same family. The communication is accompanied by notes by Horace Mann and the editor of the *Naturalist*. W: T. (2268)
- Chambers, Vactor Tousey.** On the early stages of *gracilaria stigmatella*, Fabr. (Can. entom., Feb. 1881, v. 13, p. 25-28.)
Notes on the life-history of *g. stigmatella*, of *g. syringella* and of other *tineidae*. G: D. (2269)
- Change** in the nervous system of beetles during metamorphosis. (Amer. nat., Jan. 1881, v. 15, p. 58-59.)
Brief rev. and abstract of H. Michels' "Beschreibung des Nervensystems von *oryctes nasicornis*" ... [Rec., 1979.] G: D. (2270)
- Claypole, E: W.** Notes on *lytta*, blister-beetles. (Can. entom., Dec. 1880, v. 12, p. 245-246.)
Notes on habits of *l. atrata*, *l. cinerea*, *l. marginata*, and *l. vittata*. G: D. (2271)
- Comstock, J: H:** Notes on *coccidae*. (Can. entom., Jan. 1881, v. 13, p. 8-9.)
Describes a new species, *aspidiotus citri*, from the orange [*citrus*] in California, probably an introduced species from Australia. G: D. (2272)

- Conner, Browni.** San Francisco gossip. (Springfield [Mass.] d. republican, 29 Sept. 1880, . . . 84 cm.)
Notes [5 cm.] on silk-raising in California. *G. D.* (2273)
- Cook, Albert J.:** The relation of apiculture to science. (Amer. nat., March 1881, v. 15, p. 195-203.)
Chiefly biological notes on *apis mellifica*. A paper read before the Entomological subsection of the American association for the advancement of science, at its Boston meeting (1880). *G. D.* (2274)
- Coquillett, Daniel W.:** On the early stages of *plusia precativis*, Guenee. (Can. entom., Feb. 1881, v. 13, p. 21-23.)
Describes egg, larva and pupa; notes on habits of imago. *G. D.* (2275)
- Cotton crop (The).** (Springfield [Mass.] d. republican, 16 Oct. 1880, p. 4, col. 6, 10 cm.)
Notes on losses from caterpillars. *G. D.* (2276)
- Crickets as pets.** ("Indianapolis [Ind.] journal.") (Springfield [Mass.] d. republican, 8 Jan. 1880, p. 3, col. 1, 31 cm.)
Notes on habits of crickets confined as pets. *G. D.* (2277)
- Croneberg, A.** Ueber den Bau der Hydrachniden. (Zool. Anzeiger, 2 Dec. 1878, Jahrg. 1, p. 316-319.)
Abstract, by E. Burgess. (Psyche, March 1880, v. 3, p. 29-30.)
Internal anatomy of *hydrachnidae*. *G. D.* (2278)
- Darwin, Francis.** Alpine flowers. (Nature, 10 Feb. 1881, v. 23, p. 333-335.)
Review of H. Müller's "Alpenblumen" . . . [Rec., 2175]. *W. T.* (2279)
- Darwin, Francis.** Bees visiting flowers. (Nature, 8 Jan. 1874, v. 9, p. 189-190, 46 cm.)
States that flowers of *lathyrus sylvestris* growing in quantity are perforated by humble-bees [*bombus*] for their nectar. Shows how bees obtain nectar from the flowers of *phaseolus multiflorus*. *W. T.* (2280)
- Detection of glucose and cane syrup in honey.** (New remedies, Feb. 1881, v. 10, p. 54, 6 cm.)
From *The druggist*; originally from a paper by Planta-Reichman. *G. D.* (2281)
- Dodge, G. M.** On a variety of *catocala nebraskae*, Dodge. (Can. entom., Feb. 1881, v. 13, p. 40.)
Describes *c. nebraskae* var. *somnus*. *G. D.* (2282)
- Dogiel, Johannes.** Anatomie und Physiologie des Herzens der Larve von *corethra plumicornis*. (Mém. acad. impér. sci. St. Pétersb., 1877, s. 7, v. 24, no. 10.) St. Pétersburg, 1877. t.-p. cover, t.-p., 37 p., 33×25, t 21×15.2; 2 pl.
Anatomy of the heart of *c. plumicornis*; its valves, muscles and nerve-cells; the aorta; physiological experiments on the rapidity of pulsation under the influence of different temperatures, of electricity, and of 22 different poisonous chemicals. *G. D.* (2283)
- Donckier de Donceel, Henri, see BRONGNIART, C. and Max CORNU, Epidémie causée sur des diptères . . . [Rec., 2087].**
- [Doryphora decemlineata.]** (Springfield [Mass.] d. republican, 5 Aug. 1880, col. 3, p. 8, 4 cm.)
A Maryland farmer experiments on the coloring matter from *d. decemlineata*. *G. D.* (2284)
- [Doryphora decemlineata.]** (Springfield [Mass.] d. republican, 1880: 3 Jan., p. 7, col. 1, 2 cm.; 29 May, p. 6, col. 4, 1 cm.; 18 June, p. 6, col. 6, 1 cm.; 3 July, p. 6, col. 1, 2 cm.; 1 Oct., p. 5, col. 6, 1 cm.)
Different items on *d. decemlineata* in New England and New Brunswick. *G. D.* (2285)
- Doryphora en Belgique! (La).** Liège, 1877. t.-p. cover, 31 p., 18×12, t 11×7.8.
Humorous account of the means taken to suppress *doryphora decemlineata* upon its first appearance in Belgium. *G. D.* (2286)
- Drive away roaches (To).** (New remedies, Feb. 1881, v. 10, p. 63, 7 cm.)
Recommends various modes of destroying *blatta*. *G. D.* (2287)
- Dufort, Aimé.** Un lépidoptère à trompe perforante, ravageur des oranges en Australie. (Bull. soc. d'acclimatation, July 1876.)
Separate, Paris, 1876. t.-p. cover, 9 p., 24×15, t 17×9.5.
Description and figure of *ophideres fullonica*, and of its proboscis with which it pierces the rind of oranges. *G. D.* (2288)
- Dury, C.:** Note on *chrysomela juncta*, *ch. lineata* and *caryoborus arthriticus*. (Can. entom., Jan. 1881, v. 13, p. 20.)
Chrysomela juncta with *ch. decemlineata* in Ohio; the two species taken pairing with each other; difference of the larvae of the two species; how to prepare specimens and retain their color. *Caryoborus arthriticus* from seeds of the Sabal-palmetto in Florida. *G. D.* (2289)
- Edwards, W. H.:** Capture of a bi-formed *lycaena*. (Can. entom., Aug. 1880, v. 12, p. 160.)
Notes a male *l. neglecta* one side of which had the coloration of the female. *G. D.* (2290)

Edwards, W: H: Concerning *chrysophanus nais*, Edw. (Can. entom., Jan. 1881, v. 13, p. 17-18.)

Systematic position discussed; quotes a part of a letter from A. G. Butler, who regards the species as belonging to *apodemia*, of the *erycinidae*.

G: D. (2291)

Edwards, W: H: Description of a new species of *limenitis*. (Can. entom., Dec. 1880, v. 12, p. 246-251, fig. 24.)

Crit. rev., by H. Strecker, entitled "On a lately described species of *limenitis*." (Can. entom., Feb. 1881, v. 13, p. 29-30.)

Description of larva, chrysalis and imago of *l. eros*, new species, from Fla. Larva feeds on *salix*.

G: D. (2292)

Edwards, W: H: Description of a new species of *pamphila* from Florida. (Can. entom., Nov. 1880, v. 12, p. 224-225.)

Describes *p. byssus*, new species. G: D. (2293)

Edwards, W: H: Description of the preparatory stages of *euptoieta claudia*, Cramer. (Can. entom., Nov. 1880, v. 12, p. 231-235.)

Description of egg, larva, and pupa of *e. claudia*. Larvae feed on species of *passiflora*, *viola*, and *sedum*.

G: D. (2294)

Erler, —. Die Ueberwinterung der Biene. (Deutsch. Bienenfreund, 1881, jahrg. 17: 1 Jan., p. 4-8; 15 Jan., p. 18-23.)

Conditions necessary to observe for the preservation of bees, in a healthy state, through the winter.

G: D. (2295)

Farrer, T. H. Fertilization of papilionaceous flowers. (Nature, 2 July 1874, v. 10, p. 169-170, 60 cm.)

Shows how bees fertilize the flowers of species of *coronilla* while gathering nectar secreted on the outside of the calyx. W: T. (2296)

Farrer, T. H. On the fertilization of a few common papilionaceous flowers. (Nature, 1872, v. 6: 10 Oct., p. 478-480; 17 Oct., p. 498-501.)

Describes the structure of the flowers, and the actions of insects when visiting them. W: T. (2297)

Fatal discipline. (Springfield [Mass.] d. republican, 2 March 1881, p. 5, col. 3, 6 cm.)

Death of a lieutenant of the U. S. A., caused by a spider going into his ear, while on parade at West Point, N. Y. G: D. (2298)

Feil, Joseph. Native *pyrethrum*. (New remedies, April 1881, v. 10, p. 116, 9 cm.)

Mostly a quotation from Bull. no. 3 of the U. S. entom. comm. [Rec., 2206], on raising *p. cinerariaefolium*, for insect powder, in California. G: D. (2299)

Flights of "flies." (Amer. nat., Nov. 1880, v. 14, p. 805.)

Clouds of flies on the Hudson river, near Newburg, N. Y., and in Nova Scotia. G: D. (2300)

French, G: Hazen. Notes on *catocala* hunting. (Can. entom., Nov. 1880, v. 12, p. 241-242.)

Record of captures at Carbondale, Ill. G: D. (2301)

French still looking toward American vines (The). ("Pacific rural press.") (Amer. nat., April 1881, v. 15, p. 322.)

Authorisation of the introduction of American vines [*vitis*] into the department of the Gironde, France. Items about *phylloxera*. G: D. (2302)

Goodell, Lafayette Washington. On a new species of *packardia*. (Can. entom., Feb. 1881, v. 13, p. 30-31.)

Describes *p. nigripunctata*, reared from a larva found upon oak [*quercus*] in Amherst, Mass. G: D. (2303)

Goodell, Lafayette Washington. On the early stages of four geometrid moths. (Can. entom., Nov. 1880, v. 12, p. 235-236.)

Notes on larvae of *ochyria designata*, *eucrestis chloroleucaria*, *cutrapela transversata* and *acidalia enucleata*. G: D. (2304)

Good words for the skunk. ("Cincinnati commercial.") (Springfield [Mass.] d. republican, 14 June 1880, p. 7, col. 1-2, 15 cm.)

The skunk [*mephitis mephitica*] should be allowed to live, on account of its eating insects; it eats *doryphora decemlineata* and larvae of *lachnosterna*. G: D. (2305)

Grote, A: Radcliffe. [*Hadena confederata*.] (Can. entom., Dec. 1880, v. 12, p. 264.)

This species is found in N. Y., Tex., La., Mass., and Fla. G: D. (2306)

Grote, A: Radcliffe. New species of N. Am. moths. (Can. entom., Oct. 1880, v. 12, p. 213-220.)

Describes 15 new species of *lepidoptera heterocera*, from the United States. G: D. (2307)

Grote, A: Radcliffe. North American moths. (Can. entom., 1880, v. 12: Nov., p. 242-244; Dec., p. 254-258; 1881, v. 13: Jan., p. 14-17; Feb., p. 33-35.)

Describes 22 new species; lists of species of *onocnemis*, *homohadena*, and *tarache*, with locality of capture of each species and other notes. G: D. (2308)

Grote, A: Radcliffe. On the synonymy of North American *noctuidae*. (Can. entom., Sept. 1880, v. 12, p. 184-188.)

Gives the synonymy of 27 species described by H. K. Morrison. G: D. (2309)

[Lubbock, J:] The communicative ant. (N. Y. d. tribune. 26 Dec. 1880, p. 9, col. 1, 24 cm.)

Extract from a paper by Sir J. Lubbock. A species of *atta*, having found a fly, communicates with other ants in the nest and they go out together to secure the fly. G: D. (2310)